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# BCSSE 2020

## Overall Summary - First Year Students

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**Please note:** The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

#### **First-year students were recent high school graduates who met one of the following criteria:**

- All paper survey respondents regardless of high school graduation year.
- Web respondents who graduated high school in 2020.
- Web respondents who graduated high school in 2019 or 2018 and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2019 or 2018 and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.

#### **Transfer students were those respondents who met the following criteria:**

- All web respondents who attended a college or university after graduation from high school, expects to transfer 12 or more credits, and graduated high school prior to the current year.

#### **Older students were those respondents who met one of the following criteria:**

- Web respondents who graduated high school in 2017 or earlier and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2017 or earlier and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.

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# **BCSSE 2020**

## **First-Year Student Respondent Profile**

### Overall Summary

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## Respondent Profile

### About This Report

The *Respondent Profile* presents overall student demographic information, as well as by first-generation status and high school grades. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website ([bcse.indiana.edu](https://bcse.indiana.edu)) or contact your BCSSE Project Services team.

1. **Student status:** As reported by the students.
2. **Item numbers:** Numbering corresponds to the survey facsimile and codebook available on the BCSSE website.
3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to the data file and codebook.
4. **Response options:** Response options are worded as they appear on the instrument (except where abbreviations are used for formatting purposes).
5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the percentage of students selecting the corresponding response option. Percentages may not sum to 100 due to rounding.

**Respondent Profile**  
BCSSEville State University

**First-Year Students**

Item wording or description	Variable name	Response options	All Students		First-Generation*				Self-Reported HS Grades			
			Count	%	Yes	%	No	%	A- or Higher	%	B+ or Lower	%
28. This institution was your:	ccchoice17	First choice Second choice Third choice or lower Total	969 222 39 1230	79 18 3 100	534 124 25 683	78 18 3 100	434 97 14 545	80 18 3 100	587 117 18 722	81 16 2 100	378 104 21 503	75 21 4 100
29. What is your gender identity?	gender	Man Woman Another gender identity I prefer not to respond Total	599 622 5 7 1233	49 50 0 1 100	327 349 5 5 686	48 51 1 1 100	272 272 0 1 545	50 50 0 0 100	299 419 3 4 725	41 58 0 1 100	287 201 2 3 503	59 40 0 1 100
30. Are you an international student or foreign national?	cntrnat	No Yes Total	1212 15 1227	99 1 100	673 9 682	99 1 100	537 6 543	99 1 100	712 10 722	99 1 100	495 5 500	99 1 100
31. How would you describe yourself? (Select all that apply)	re_race (Recorded from c_raceid1 to c_race10 where each student is represented only once.)	American Indian or Alaska Native Asian Black or African American Hispanic or Latino Middle Eastern or North African Native Hawaiian or Other Pacific Islander White Another race or ethnicity Multiracial I prefer not to respond Total	8 10 80 74 0 1 943 3 95 10 1233	1 1 7 6 0 0 76 0 8 1 100	2 6 68 70 0 1 473 2 58 6 686	0 1 10 10 0 0 69 0 8 1 100	6 4 21 4 0 0 469 1 37 3 545	1 1 4 1 0 0 86 0 7 1 100	6 7 24 3 0 0 605 0 54 4 724	1 1 3 3 0 0 84 0 7 1 100	1 3 65 50 0 1 334 3 41 6 504	0 1 13 10 0 0 66 1 8 1 100

## Respondent Profile

### Overall Summary - First Year Students

#### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
- <b>Number of Surveys Completed</b> <i>Mode of completion</i>	bmodecmp	Paper Web Total	395 44,873 45,268	1 99 100								
<b>1. Please indicate the year you graduated from high school:</b>	hgradyr	Prior to 2017 2017 2018 2019 2020 Total	1 2 334 1,118 43,592 45,047	0 0 1 2 97 100	0 1 137 389 14,090 14,617	0 0 1 3 96 100	0 1 157 598 25,184 25,940	0 0 1 2 97 100	0 0 155 586 28,460 29,201	0 0 1 2 97 100	1 0 173 500 14,747 15,421	0 0 1 3 96 100
<b>W1. Since graduating from high school, which of the following have you done? (Select all that apply.)</b> <i>(Online survey respondents only. The paper survey did not include this item.)</i>	tattend tmilitary twork_ft twork_pt thome tvolunteer tsinceoth	Attend another college or university Military service Work full-time Work part-time Homemaker or stay at home spouse Volunteer Other	216 91 502 703 21 260 241	15 7 36 50 2 19 17	71 39 217 263 12 69 61	14 8 42 51 2 13 12	107 42 233 374 3 167 157	15 6 32 52 0 23 22	113 34 225 360 8 169 164	16 5 32 51 1 24 23	101 56 274 330 8 80 67	15 9 42 50 1 12 10
<b>W2. Since graduating from high school, which of the following types of schools have you attended other than this institution? (Select all that apply.)</b> <i>(Online survey respondents only. The paper survey did not include this item.)</i>	tattend_voc tattend_com tattend_col tattend_other	Vocational or technical school Community or junior college 4-year college or university other than this one Other	12 66 78 20	7 39 46 12	5 19 29 6	9 33 50 10	7 36 36 13	8 41 41 15	5 29 37 13	6 36 46 16	7 37 41 5	8 42 47 6
<b>W3. About how many credits do you expect to transfer to this institution?</b> <i>(Online survey respondents only. The paper survey did not include this item.)</i>	tttnsfr_cr	0 1-11 12-30 31-45 46-60 More than 60 Total	90 132 5 0 0 0 227	40 58 2 0 0 0 100	34 41 1 0 0 0 76	45 54 1 0 0 0 100	41 66 3 0 0 0 110	37 60 3 0 0 0 100	51 68 4 0 0 0 123	41 55 3 0 0 0 100	36 64 1 0 0 0 101	36 63 1 0 0 0 100

## Respondent Profile

### Overall Summary - First Year Students

#### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>2. From which type of high school did you graduate? (Select only one.)</b>												
	htype13	Public	30,934	89	10,793	92	17,382	87	19,800	88	10,978	90
		Private, religiously-affiliated	2,455	7	570	5	1,714	9	1,621	7	822	7
		Private, not religiously affiliated	670	2	89	1	504	3	468	2	199	2
		Home school	488	1	144	1	292	1	364	2	118	1
		Other (e.g., G.E.D.)	224	1	87	1	104	1	131	1	87	1
		Total	34,771	100	11,683	100	19,996	100	22,384	100	12,204	100
<b>3. What were most of your high school grades? (Select only one.)</b>												
	hgrades17	C- or lower	40	0	16	0	18	0	0	0	40	0
		C	226	1	113	1	90	0	0	0	226	1
		C+	566	1	270	2	232	1	0	0	566	4
		B-	1,091	3	500	4	454	2	0	0	1,091	7
		B	5,490	13	2,196	15	2,701	11	0	0	5,490	36
		B+	7,906	18	2,897	20	4,135	16	0	0	7,906	52
		A-	8,468	19	2,485	18	5,177	20	8,468	30	0	0
		A	16,229	37	4,765	34	10,232	40	16,229	58	0	0
		A+	3,342	8	935	7	2,185	9	3,342	12	0	0
		Grades not used	117	0	23	0	78	0	0	0	0	0
		Total	43,475	100	14,200	100	25,302	100	28,039	100	15,319	100
<b>4. To date, in which of the following math classes have you earned a grade of "C" or better? (Select all that apply.)</b>												
	halg13	Algebra II	39,384	94	12,692	93	23,301	95	25,943	95	13,318	92
	hprecalc13	Pre-calculus/Trigonometry	29,492	71	8,456	62	18,603	75	21,645	80	7,742	55
	hcalc13	Calculus	13,583	33	3,141	23	9,375	38	11,256	42	2,265	16
	hstats13	Probability or Statistics	14,567	35	4,174	30	9,139	36	10,296	37	4,194	30
<b>5. If you completed the SAT and/or ACT, please enter your scores below (as best you remember):</b>												
(Recorded SAT and ACT composite created by BCSSE.)	sat_act17r	900 or lower	1,923	5	1,148	9	626	3	651	3	1,264	9
		901 - 1000	3,421	9	1,795	14	1,404	6	1,347	5	2,067	16
		1001 - 1100	7,236	18	3,147	24	3,644	15	3,696	14	3,520	26
		1101 - 1200	9,372	24	3,212	25	5,623	23	6,067	23	3,278	25
		1201 - 1300	7,904	20	2,167	17	5,321	22	5,854	23	2,023	15
		1301 - 1400	5,850	15	1,110	9	4,394	18	4,957	19	874	7
		1401 - 1600	3,699	9	416	3	3,035	13	3,364	13	297	2
		Total	39,405	100	12,995	100	24,047	100	25,936	100	13,323	100

## Respondent Profile

### Overall Summary - First Year Students

#### First-Year Students

			First-Generation <sup>a</sup>				Self-Reported HS Grades					
	Variable		All Students		Yes		No		A- or Higher		B+ or Lower	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%
22. Which of the following sources are you using to pay for your education expenses (tuition, fees, books, room & board, etc.)? For each, tell us if you are using, not using, or not sure.												
Support from parents or relatives	cparents	Using	31,610	78	9,500	66	21,998	85	21,033	79	10,449	77
		Not using	5,059	13	2,908	20	2,130	8	3,300	12	1,741	13
		Not sure	3,753	9	2,075	14	1,652	6	2,287	9	1,447	11
		Total	40,422	100	14,483	100	25,780	100	26,620	100	13,637	100
Loans	cloans	Using	17,202	43	6,894	48	10,265	40	10,801	41	6,346	47
		Not using	15,310	38	4,576	32	10,674	42	10,968	41	4,264	31
		Not sure	7,750	19	2,985	21	4,717	18	4,745	18	2,975	22
		Total	40,262	100	14,455	100	25,656	100	26,514	100	13,585	100
Grants or scholarships	cgrants	Using	32,578	81	11,944	83	20,528	80	22,551	85	9,915	73
		Not using	4,077	10	1,076	7	2,979	12	2,208	8	1,839	14
		Not sure	3,664	9	1,457	10	2,181	8	1,799	7	1,842	14
		Total	40,319	100	14,477	100	25,688	100	26,558	100	13,596	100
Employment on- or off-campus	cjob	Using	18,913	47	8,002	55	10,854	42	12,097	46	6,765	50
		Not using	10,363	26	2,775	19	7,543	29	7,070	27	3,234	24
		Not sure	10,961	27	3,662	25	7,245	28	7,342	28	3,564	26
		Total	40,237	100	14,439	100	25,642	100	26,509	100	13,563	100
Personal savings or other sources	cpersonal	Using	23,981	59	8,929	62	14,969	58	15,928	60	7,991	59
		Not using	8,806	22	2,740	19	6,025	23	5,780	22	2,964	22
		Not sure	7,543	19	2,801	19	4,710	18	4,858	18	2,646	19
		Total	40,330	100	14,470	100	25,704	100	26,566	100	13,601	100
23. What do you expect most of your grades will be during the coming year? (Select only one.)												
cgrades19		C- or lower	14	0	9	0	5	0	4	0	10	0
		C	83	0	40	0	42	0	24	0	58	0
		C+	318	1	168	1	149	1	79	0	236	2
		B-	1,206	3	590	4	613	2	390	1	812	6
		B	6,373	16	2,636	18	3,710	14	2,758	10	3,593	26
		B+	10,363	26	3,993	27	6,339	24	5,666	21	4,657	34
		A-	13,469	33	4,259	29	9,179	35	10,510	39	2,915	21
		A	8,791	22	2,886	20	5,862	23	7,307	27	1,442	11
		Grades not used	22	0	11	0	10	0	13	0	5	0
		Total	40,639	100	14,592	100	25,909	100	26,751	100	13,728	100

## Respondent Profile

### Overall Summary - First Year Students

#### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>24. Do you expect to graduate from this institution?</b>												
	cintgrad	No	530	1	169	1	360	1	331	1	196	1
		Yes	37,319	92	13,283	91	23,903	92	24,888	93	12,283	89
		Uncertain	2,815	7	1,149	8	1,655	6	1,540	6	1,257	9
		Total	40,664	100	14,601	100	25,918	100	26,759	100	13,736	100
<b>25. Do you know what your major will be?</b>												
	cmajor	No	7,256	18	2,244	15	4,978	19	4,544	17	2,670	19
		Yes, specify	33,418	82	12,363	85	20,948	81	22,229	83	11,062	81
		Total	40,674	100	14,607	100	25,926	100	26,773	100	13,732	100
(Recoded variable cmajcode into one of 12 major categories listed at right.)	cmajrcol	Arts & Humanities	2,276	7	715	6	1,551	7	1,478	7	790	7
		Biological Sci., Agriculture, & Natural Resources	5,208	16	1,814	15	3,374	16	3,957	18	1,235	11
		Physical Sci., Mathematics, & Computer Science	2,151	6	702	6	1,444	7	1,546	7	589	5
		Social Sciences	3,399	10	1,362	11	2,024	10	2,219	10	1,168	11
		Business	5,302	16	1,693	14	3,594	17	3,305	15	1,973	18
		Communications, Media, & Public Relations	772	2	240	2	532	3	486	2	282	3
		Education	2,228	7	864	7	1,362	6	1,357	6	868	8
		Engineering	2,524	8	775	6	1,743	8	1,832	8	681	6
		Health Professions	6,195	19	2,730	22	3,446	16	4,180	19	1,999	18
		Social Service Professions	2,128	6	1,013	8	1,112	5	1,189	5	932	8
		All Other	1,171	3	425	3	739	4	644	3	519	5
		Undecided, Undeclared	117	0	47	0	69	0	71	0	44	0
		Total	33,471	100	12,380	100	20,990	100	22,264	100	11,080	100
<b>26. Are you (or will you be) a full-time student at this institution?</b>												
	cfulltime18	No	418	1	219	2	198	1	196	1	218	2
		Yes	40,175	99	14,375	98	25,710	99	26,516	99	13,495	98
		Total	40,593	100	14,594	100	25,908	100	26,712	100	13,713	100
<b>27. How many of your close friends will attend this institution during the coming year?</b>												
	cfriends	None	17,189	42	5,801	40	11,359	44	11,448	43	5,646	41
		1	7,716	19	2,966	20	4,732	18	5,102	19	2,584	19
		2	5,775	14	2,240	15	3,521	14	3,735	14	2,023	15
		3	3,303	8	1,260	9	2,035	8	2,178	8	1,119	8
		4 or more	6,588	16	2,322	16	4,253	16	4,238	16	2,331	17
		Total	40,571	100	14,589	100	25,900	100	26,701	100	13,703	100



## Respondent Profile

### Overall Summary - First Year Students

#### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>28. This institution was your:</b>												
	cchoice17	First choice	28,109	69	9,904	68	18,148	70	18,754	70	9,244	67
		Second choice	9,525	23	3,674	25	5,836	23	6,005	23	3,477	25
		Third choice or lower	2,922	7	1,019	7	1,897	7	1,924	7	984	7
		Total	40,556	100	14,597	100	25,881	100	26,683	100	13,705	100
<b>29. What is your gender identity?</b>												
	cgender	Man	15,913	39	4,956	34	10,924	42	9,447	35	6,378	46
		Woman	24,140	59	9,463	65	14,635	56	16,936	63	7,124	52
		Another gender identity	265	1	96	1	167	1	157	1	106	1
		I prefer not to respond	301	1	94	1	204	1	183	1	118	1
		Total	40,619	100	14,609	100	25,930	100	26,723	100	13,726	100
<b>30. Are you an international student?</b>												
	cinternat	No	38,335	97	13,818	98	24,449	97	24,965	97	13,274	98
		Yes	1,172	3	348	2	821	3	778	3	332	2
		Total	39,507	100	14,166	100	25,270	100	25,743	100	13,606	100
<b>31. How would you describe yourself? (Select all that apply)</b>												
	crace	American Indian or Alaska Native	148	0	86	1	61	0	65	0	82	1
	(Recoded from c_aminid to c_pnr where each student is represented only once.)	Asian	2,632	7	851	6	1,777	7	1,975	8	610	4
		Black or African American	3,377	9	1,800	13	1,567	6	1,666	6	1,691	12
		Hispanic or Latino	3,253	8	2,301	16	947	4	1,879	7	1,363	10
		Middle Eastern or North African	334	1	115	1	219	1	225	1	108	1
		Native Hawaiian or Other Pacific Islander	32	0	15	0	17	0	15	0	17	0
		White	24,192	61	6,817	48	17,348	69	16,466	64	7,662	56
		Another race or ethnicity	141	0	51	0	89	0	83	0	57	0
		Multiracial	5,453	14	2,161	15	3,285	13	3,403	13	2,036	15
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	39,562	100	14,197	100	25,310	100	25,777	100	13,626	100

## Respondent Profile

### Overall Summary - First Year Students

#### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades			
			Count	%	Yes		No		A- or Higher		B+ or Lower	
					Count	%	Count	%	Count	%	Count	%
32. Regarding your parents (or those who raised you), what is the highest level of education completed by either of them?												
	cpardegr18	Did not finish high school	1,471	4	1,471	10	0	0	782	3	681	5
		High school diploma or G.E.D.	5,708	14	5,708	40	0	0	3,212	12	2,474	18
		Attended college, but did not complete degree	3,536	9	3,536	25	0	0	2,012	8	1,521	11
		Associate's degree (AA, AS, etc.)	3,502	9	3,502	25	0	0	2,179	8	1,316	10
		Bachelor's degree (BA, BS, etc.)	13,038	33	0	0	13,038	51	8,746	34	4,244	31
		Master's degree (MA, MS, etc.)	9,094	23	0	0	9,094	36	6,380	25	2,667	20
		Doctoral or professional degree (PhD, JD, MD, etc.)	3,210	8	0	0	3,210	13	2,468	10	719	5
		Total	39,559	100	14,217	100	25,342	100	25,779	100	13,622	100
First-generation status (Neither parent holds a bachelor's degree. Recoded from cpardegr18)	bfirstgen	First-generation	14,625	36	14,625	100	0	0	8,562	32	6,020	44
		Not first-generation	25,954	64	0	0	25,954	100	18,143	68	7,685	56
		Total	40,579	100	14,625	100	25,954	100	26,705	100	13,705	100
33. Which of the following best describes where you will be living while attending college?												
	cliving18	Campus housing (other than a fraternity or sorority house)	27,219	69	8,497	60	18,694	74	18,087	70	9,018	66
		Fraternity or sorority house	112	0	24	0	87	0	68	0	44	0
		House, apartment, or other residence within walking distance to campus	2,000	5	761	5	1,235	5	1,282	5	709	5
		House, apartment, or other residence farther than walk. dist. to campus	9,024	23	4,466	31	4,545	18	5,618	22	3,384	25
		Not applicable: No campus, entirely online program, etc.	1,143	3	426	3	717	3	697	3	432	3
		Not applicable: Homeless or in transition	50	0	18	0	32	0	19	0	31	0
		Total	39,548	100	14,192	100	25,310	100	25,771	100	13,618	100

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## **BCSSE 2020**

# **First-Year Student Frequencies and Statistical Comparisons**

### **Overall Summary**


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# Frequencies and Statistical Comparisons

## About This Report

The Frequencies and Statistical Comparisons report presents item-by-item student responses and mean comparisons that allow you to examine patterns of similarity and difference between groups of students at your institution. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website ([bcsse.indiana.edu](http://bcsse.indiana.edu)) or contact a member of the BCSSE team.

- Student status:** As reported by your students.
- Item numbers:** Numbering corresponds to the survey facsimile and codebook available on the BCSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to the data file and codebook.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the percentage of students selecting the corresponding response option. Percentages may not sum to 100 due to rounding.
- Overall mean:** Mean scores for each item. Mean item scores by within-campus comparison groups are presented on the right side. Mean calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution.
- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #8) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests.



**BCSSE**  
beginning college survey  
of student engagement

**Frequencies and Statistical Comparisons**  
BCSSEville State University

## First-Year Students

			Frequency Distributions								Statistical Comparisons															
Item wording by class	Variable name	Values Response options	All Students		First-Generation*		Self-Reported HS Grades		First-Generation		Self-Reported HS Grades		ES													
			Count	%	Yes	No	A- or higher	B+ or lower	Yes	No	A- or higher	B+ or lower														
Count																										
%																										
Mean																										
SD																										
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- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. Effect sizes for independent  $t$ -tests use Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . Cohen's  $d$  is calculated by dividing the mean difference by the pooled standard deviation. Cohen's  $h$  is calculated by taking the difference in the proportion of students who selected the item after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (2nd edition). New York: Psychology Press.

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons						
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
							Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower	
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
6. During high school, how many of the following types of classes did you complete?																				
a. Advanced Placement (AP) classes	hapc113num	0	0	11,929	28		4,634	33	6,355	25	6,288	23	5,543	39						
	(Recoded version of hapc113 created by BCSSE. Values are estimated number of AP classes.)	1.5	1-2	11,954	28		4,363	31	6,825	27	7,376	27	4,549	32						
		3.5	3-4	8,193	19		2,584	18	5,064	20	5,887	21	2,284	16						
		5.5	5-6	4,949	12	2.8	1,335	9	3,326	13	3,853	14	1,088	8	2.4	3.1 ***	-.25	3.3	2.0 ***	.46
		7.5	7-8	2,827	7		670	5	1,973	8	2,310	8	513	4						
		9.5	9-10	1,394	3		302	2	1,002	4	1,173	4	219	2						
		11.5	11 or more	1,018	2		266	2	695	3	856	3	162	1						
	Total		42,264	100		14,154	100	25,240	100	27,743	100	14,358	100							
b. College or university courses for credit	hdc17num	0	0	19,676	49		6,615	49	11,840	49	11,406	43	8,171	58						
	(Recoded version of hdc17 created by BCSSE. Values are estimated number of dual credit classes.)	1.5	1-2	9,737	24		3,277	24	5,774	24	6,395	24	3,320	24						
		3.5	3-4	4,621	11		1,515	11	2,790	12	3,399	13	1,213	9						
		5.5	5-6	2,202	5	2.1	721	5	1,343	6	1,757	7	441	3	2.1	2.1 *	.02	2.4	1.5 ***	.31
		7.5	7-8	1,196	3		392	3	739	3	961	4	234	2						
		9.5	9-10	732	2		243	2	459	2	592	2	140	1						
		11.5	11 or more	2,231	6		850	6	1,260	5	1,727	7	500	4						
	Total		40,395	100		13,613	100	24,205	100	26,237	100	14,019	100							
c. International Baccalaureate (IB)	hib17num	0	0	37,422	93		12,696	93	22,259	92	24,508	93	12,787	93						
	(Recoded version of hib17 created by BCSSE. Values are estimated number of international baccaluaureate classes.)	1.5	1-2	833	2		247	2	511	2	517	2	316	2						
		3.5	3-4	394	1		113	1	251	1	247	1	146	1						
		5.5	5-6	629	2	0.4	166	1	420	2	423	2	174	1	.4	.4 ***	-.05	.4	.4	.01
		7.5	7-8	597	1		171	1	400	2	414	2	175	1						
		9.5	9-10	181	0		59	0	109	0	110	0	69	0						
		11.5	11 or more	397	1		130	1	250	1	247	1	146	1						
	Total		40,453	100		13,582	100	24,200	100	26,466	100	13,813	100							
7. During your last year of high school, about how many papers, reports, or other writing tasks of the following length did you complete?																				
a. Up to 5 pages	hwrshrtnum	0	None	3,020	7		1,328	9	1,511	6	1,790	6	1,209	8						
	(Recoded version of hWRshrt created by BCSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	9,859	23		3,699	26	5,574	22	6,083	22	3,751	26						
		4	3-5	13,325	31		4,685	32	7,814	30	8,557	31	4,728	32						
		8	6-10	8,491	20	6.5	2,584	18	5,351	21	5,804	21	2,647	18	5.7	7.0 ***	-.20	6.9	5.8 ***	.17
		13	11-15	3,385	8		939	6	2,248	9	2,396	9	976	7						
		18	16-20	1,537	4		426	3	1,021	4	1,097	4	434	3						
		23	More than 20	3,143	7		792	5	2,138	8	2,299	8	823	6						
	Total		42,760	100		14,453	100	25,657	100	28,026	100	14,568	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons						
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES
							Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean	
b. Between 6 and 10 pages	hwrmdnum	0	None	16,632	40		6,308	45	9,344	37	10,296	37	6,290	44						
	(Recoded version of hWRmd created by BCSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	15,604	37		4,830	34	9,825	39	10,496	38	5,058	36						
		4	3-5	6,452	15		1,947	14	4,123	16	4,490	16	1,926	14						
		8	6-10	2,193	5	2.0	717	5	1,322	5	1,501	5	676	5	1.9	2.1 ***	-.07	2.1	1.8 ***	.11
		13	11-15	574	1		168	1	352	1	429	2	142	1						
		18	16-20	222	1		65	0	142	1	150	1	72	1						
		23	More than 20	248	1		90	1	135	1	178	1	64	0						
		Total	41,925	100		14,125	100	25,243	100	27,540	100	14,228	100							
c. 11 pages or more	hwrlngnum	0	None	30,594	73		10,803	77	17,947	72	19,552	71	10,965	78						
	(Recoded version of hWRlng created by BCSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	8,469	20		2,413	17	5,549	22	6,041	22	2,378	17						
		4	3-5	1,623	4		484	3	1,042	4	1,133	4	475	3						
		8	6-10	541	1	0.8	174	1	326	1	357	1	174	1	.7	.8 *	-.02	.8	.7 ***	.06
		13	11-15	182	0		77	1	88	0	107	0	69	0						
		18	16-20	83	0		28	0	47	0	48	0	33	0						
		23	More than 20	181	0		68	0	90	0	126	0	47	0						
		Total	41,673	100		14,047	100	25,089	100	27,364	100	14,141	100							
8. During your <i>last year</i> of high school, about how many hours did you spend in a typical 7-day week doing the following?																				
a. Preparing for class (studying, reading, doing homework, etc.)	hacadpr13hrs	0	0	371	1		139	1	197	1	166	1	201	1						
	(Recoded version of hacadpr13 created by BCSSE. Values are estimated number of hours)	3	1-5	13,549	32		5,201	36	7,475	29	7,835	28	5,675	39						
		8	6-10	12,874	30		4,262	29	7,883	30	8,311	30	4,529	31						
		13	11-15	7,628	18		2,410	17	4,820	19	5,307	19	2,288	16						
		18	16-20	4,460	10	10.1	1,363	9	2,852	11	3,312	12	1,127	8	9.5	10.4 ***	-.13	10.8	8.5 ***	.32
		23	21-25	2,016	5		580	4	1,338	5	1,582	6	421	3						
		28	26-30	947	2		266	2	621	2	765	3	170	1						
	33	More than 30	1,097	3		360	2	664	3	873	3	203	1							
	Total	42,942	100		14,581	100	25,850	100	28,151	100	14,614	100								
b. Working for pay	hworkhrs	0	0	16,169	38		5,031	35	10,232	40	11,267	40	4,784	33						
	(Recoded version of hworkhrs created by BCSSE. Values are estimated number of hours)	3	1-5	5,026	12		1,353	9	3,370	13	3,450	12	1,571	11						
		8	6-10	5,021	12		1,522	10	3,202	12	3,348	12	1,663	11						
		13	11-15	5,208	12		1,639	11	3,243	13	3,392	12	1,798	12						
		18	16-20	5,114	12	8.9	2,009	14	2,828	11	3,064	11	2,036	14	10.6	7.9 ***	.27	8.2	10.3 ***	-.22
		23	21-25	3,186	7		1,409	10	1,588	6	1,861	7	1,322	9						
		28	26-30	1,620	4		797	5	724	3	897	3	718	5						
	33	More than 30	1,436	3		757	5	582	2	790	3	644	4							
	Total	42,780	100		14,517	100	25,769	100	28,069	100	14,536	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
							Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES	
c. Participating in co-curricular activities (organizations, school publications, student government, sports, etc.)	hcocurrhrs  (Recoded version of hcocurrhrs created by BCSSE. Values are estimated number of hours)	0	0	4,257	10	1,939	13	2,084	8	2,160	8	2,076	14								
		3	1-5	10,172	24	3,839	26	5,702	22	6,484	23	3,649	25								
		8	6-10	8,634	20	2,874	20	5,269	20	5,792	21	2,798	19								
		13	11-15	7,870	18	2,238	15	5,189	20	5,535	20	2,310	16								
		18	16-20	5,756	13	1,699	12	3,748	15	4,018	14	1,720	12	10.2	11.6 ***	-.15	11.5	10.3 ***	.13		
		23	21-25	2,788	7	810	6	1,830	7	1,946	7	830	6								
		28	26-30	1,071	3	303	2	705	3	732	3	335	2								
		33	More than 30	2,244	5	824	6	1,277	5	1,395	5	837	6								
		Total	42,792	100	14,526	100	25,804	100	28,062	100	14,555	100									
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	hsocial13hrs  (Recoded version of hsocial13hrs created by BCSSE. Values are estimated number of hours)	0	0	240	1	128	1	83	0	135	0	104	1								
		3	1-5	10,604	25	4,238	29	5,735	22	6,899	25	3,668	25								
		8	6-10	13,584	32	4,462	31	8,355	32	9,116	32	4,416	30								
		13	11-15	8,626	20	2,630	18	5,495	21	5,742	20	2,847	20								
		18	16-20	4,696	11	1,424	10	3,033	12	3,074	11	1,599	11	10.7	11.5 ***	-.10	11.0	11.5 ***	-.05		
		23	21-25	2,060	5	611	4	1,337	5	1,319	5	731	5								
		28	26-30	889	2	281	2	566	2	559	2	326	2								
		33	More than 30	2,100	5	776	5	1,202	5	1,214	4	875	6								
		Total	42,799	100	14,550	100	25,806	100	28,058	100	14,566	100									
9. During your last year of high school, of the time you spent preparing for class in a typical 7-day week, about how much was on assigned reading?																					
	htmread14	1	Very little	8,931	21	3,039	21	5,353	21	5,751	21	3,144	22								
		2	Some	20,563	48	6,530	45	12,935	50	13,607	49	6,867	47								
		3	About half	9,338	22	3,406	23	5,406	21	6,137	22	3,172	22	2.3	2.2 ***	.09	2.2	2.2	.00		
		4	Most	3,272	8	1,319	9	1,779	7	2,152	8	1,101	8								
		5	Almost all	635	1	247	2	339	1	386	1	246	2								
		Total	42,739	100	14,541	100	25,812	100	28,033	100	14,530	100									
10. During your last year of high school, about how often did you do the following?																					
a. Came to class without completing readings or assignments	hunprepard	1	Never	19,036	45	6,268	43	11,912	46	14,600	52	4,360	30								
		2	Sometimes	20,308	48	7,122	49	12,015	46	11,618	42	8,605	59								
		3	Often	1,958	5	680	5	1,120	4	945	3	1,002	7	1.7	1.6 ***	.05	1.6	1.8 ***	-.39		
		4	Very often	1,403	3	493	3	813	3	831	3	567	4								
		Total	42,705	100	14,563	100	25,860	100	27,994	100	14,534	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

				Frequency Distributions										Statistical Comparisons						
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Mean	Mean	ES	Mean	Mean	ES
							Count	%	Count	%	Count	%	Count	%						
b. Prepared two or more drafts of a paper or assignment before turning it in	hdrafting	1	Never	6,732	16		2,248	15	4,123	16	4,316	15	2,399	17						
		2	Sometimes	19,249	45		6,669	46	11,583	45	12,666	45	6,506	45						
		3	Often	12,419	29	2.3	4,246	29	7,532	29	8,047	29	4,319	30	2.3	2.3	-.01	2.3	2.3 ***	.04
		4	Very often	4,172	10		1,373	9	2,575	10	2,898	10	1,247	9						
		Total		42,572	100		14,536	100	25,813	100	27,927	100	14,471	100						
c. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	hQRconclud	1	Never	2,672	6		1,133	8	1,397	5	1,579	6	1,081	8						
		2	Sometimes	13,042	31		4,887	34	7,462	29	8,191	29	4,796	33						
		3	Often	18,345	43	2.8	6,005	41	11,422	44	12,036	43	6,236	43	2.7	2.8 ***	-.16	2.8	2.7 ***	.16
		4	Very often	8,387	20		2,495	17	5,520	21	6,058	22	2,294	16						
		Total		42,446	100		14,520	100	25,801	100	27,864	100	14,407	100						
d. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	hQRproblm	1	Never	5,608	13		2,186	15	3,142	12	3,536	13	2,055	14						
		2	Sometimes	16,431	39		5,773	40	9,890	38	10,763	39	5,597	39						
		3	Often	14,105	33	2.5	4,667	32	8,731	34	9,277	33	4,775	33	2.4	2.5 ***	-.11	2.5	2.5 ***	.06
		4	Very often	6,290	15		1,927	13	4,069	16	4,285	15	1,973	14						
		Total		42,434	100		14,553	100	25,832	100	27,861	100	14,400	100						
e. Evaluated what others have concluded from numerical information	hQRrevaluat	1	Never	4,760	11		2,007	14	2,517	10	2,888	10	1,851	13						
		2	Sometimes	17,167	41		6,084	42	10,292	40	11,066	40	6,033	42						
		3	Often	15,327	36	2.5	4,924	34	9,665	37	10,282	37	4,985	35	2.4	2.5 ***	-.15	2.5	2.4 ***	.12
		4	Very often	5,093	12		1,519	10	3,352	13	3,591	13	1,478	10						
		Total		42,347	100		14,534	100	25,826	100	27,827	100	14,347	100						
f. Identified key information from reading assignments	hLSreading	1	Never	438	1		199	1	215	1	272	1	163	1						
		2	Sometimes	7,178	17		2,701	19	4,059	16	4,285	15	2,868	20						
		3	Often	20,003	47	3.2	6,969	48	12,106	47	12,902	46	7,017	49	3.1	3.2 ***	-.11	3.2	3.1 ***	.17
		4	Very often	14,757	35		4,692	32	9,461	37	10,372	37	4,323	30						
		Total		42,376	100		14,561	100	25,841	100	27,831	100	14,371	100						
g. Reviewed your notes after class	hLSnotes	1	Never	1,612	4		505	3	1,007	4	921	3	684	5						
		2	Sometimes	13,061	31		4,323	30	8,150	32	8,110	29	4,906	34						
		3	Often	15,826	37	2.9	5,522	38	9,544	37	10,313	37	5,439	38	2.9	2.9 ***	.05	2.9	2.8 ***	.18
		4	Very often	11,892	28		4,212	29	7,153	28	8,493	31	3,351	23						
		Total		42,391	100		14,562	100	25,854	100	27,837	100	14,380	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)



# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
							Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES	
h Summarized what you learned in class or from course materials	hLSsummary	1	Never	1,739	4		606	4	1,051	4	1,084	4	650	5							
		2	Sometimes	12,761	30		4,323	30	7,837	30	8,057	29	4,654	32							
		3	Often	17,535	41	2.9	6,034	41	10,690	41	11,346	41	6,113	43	2.9	2.9	.01	2.9	2.8 ***	.13	
		4	Very often	10,277	24		3,579	25	6,240	24	7,298	26	2,936	20							
		Total	42,312	100		14,542	100	25,818	100	27,785	100	14,353	100								
i Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	hridivers	1	Never	2,855	7		1,120	8	1,578	6	1,718	6	1,121	8							
		2	Sometimes	14,984	35		5,283	36	9,034	35	9,832	35	5,089	35							
		3	Often	14,737	35	2.7	4,904	34	9,150	35	9,761	35	4,925	34	2.7	2.8 ***	-.06	2.8	2.7 ***	.05	
		4	Very often	9,754	23		3,250	22	6,075	24	6,494	23	3,217	22							
		Total	42,330	100		14,557	100	25,837	100	27,805	100	14,352	100								
j Examined the strengths and weaknesses of your own views on a topic or issue	hriownview	1	Never	1,640	4		602	4	959	4	1,053	4	583	4							
		2	Sometimes	12,309	29		4,370	30	7,350	28	8,062	29	4,200	29							
		3	Often	18,141	43	2.9	6,096	42	11,224	43	11,880	43	6,191	43	2.9	2.9 **	-.03	2.9	2.9	.02	
		4	Very often	10,207	24		3,492	24	6,288	24	6,777	24	3,377	24							
		Total	42,297	100		14,560	100	25,821	100	27,772	100	14,351	100								
k Tried to better understand someone else's views by imagining how an issue looks from their perspective	hriperspct	1	Never	712	2		288	2	391	2	443	2	264	2							
		2	Sometimes	9,018	21		3,082	21	5,519	21	5,868	21	3,115	22							
		3	Often	18,562	44	3.1	6,180	42	11,515	45	12,285	44	6,212	43	3.1	3.1	.01	3.1	3.1	.01	
		4	Very often	13,976	33		4,996	34	8,403	33	9,168	33	4,740	33							
		Total	42,268	100		14,546	100	25,828	100	27,764	100	14,331	100								
11. During your last year of high school, how involved were you in the following activities at your school or elsewhere?																					
a. Performing or visual arts programs (band, chorus, theater, art, etc.)	hinvars	1	Not at all	16,069	38		5,719	39	9,596	37	10,030	36	5,976	42							
		2	Very little	6,768	16		2,400	17	4,074	16	4,491	16	2,255	16							
		3	Some	5,650	13	2.6	2,011	14	3,369	13	3,673	13	1,943	14	2.6	2.7 ***	-.07	2.7	2.5 ***	.13	
		4	Quite a bit	4,338	10		1,471	10	2,688	10	2,939	11	1,378	10							
		5	Very much	9,401	22		2,943	20	6,080	24	6,607	24	2,762	19							
		Total	42,226	100		14,544	100	25,807	100	27,740	100	14,314	100								
b. Athletic teams (varsity, JV, club sport, etc.)	hinvatlh	1	Not at all	11,042	26		4,545	31	6,047	23	7,228	26	3,778	26							
		2	Very little	3,842	9		1,527	10	2,153	8	2,516	9	1,304	9							
		3	Some	5,402	13	3.3	1,778	12	3,333	13	3,453	12	1,924	13	3.1	3.4 ***	-.21	3.3	3.3	.02	
		4	Quite a bit	5,809	14		1,776	12	3,743	14	3,819	14	1,954	14							
		5	Very much	16,240	38		4,953	34	10,596	41	10,785	39	5,400	38							
		Total	42,335	100		14,579	100	25,872	100	27,801	100	14,360	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

				Frequency Distributions										Statistical Comparisons						
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Mean	Mean	ES	Mean	Mean	ES
							Count	%	Count	%	Count	%	Count	%						
c. Student government	hstugov	1	Not at all	27,770	66		9,535	66	17,055	66	17,325	62	10,351	72						
		2	Very little	5,758	14		1,985	14	3,500	14	3,841	14	1,878	13						
		3	Some	3,917	9	1.7	1,398	10	2,308	9	2,778	10	1,122	8	1.7	1.7	.00	1.8	1.5 ***	.26
		4	Quite a bit	2,160	5		742	5	1,312	5	1,648	6	503	4						
		5	Very much	2,660	6		887	6	1,662	6	2,176	8	471	3						
		Total		42,265	100		14,547	100	25,837	100	27,768	100	14,325	100						
d. Publications (student newspaper, yearbook, etc.)	hinvpubs	1	Not at all	29,964	71		10,275	71	18,455	71	19,315	70	10,548	74						
		2	Very little	5,370	13		1,849	13	3,251	13	3,609	13	1,728	12						
		3	Some	3,371	8	1.6	1,219	8	1,978	8	2,329	8	1,020	7	1.6	1.6	.02	1.6	1.5 ***	.09
		4	Quite a bit	1,669	4		569	4	1,015	4	1,124	4	536	4						
		5	Very much	1,904	5		653	4	1,137	4	1,388	5	507	4						
		Total		42,278	100		14,565	100	25,836	100	27,765	100	14,339	100						
e. Academic clubs or honor societies	hinvhon13	1	Not at all	12,962	32		5,124	36	7,275	29	5,452	20	7,450	52						
		2	Very little	4,975	12		1,769	13	2,978	12	2,764	10	2,187	15						
		3	Some	7,690	19	2.8	2,463	17	4,907	19	5,308	20	2,352	17	2.7	2.9 ***	-.16	3.2	2.0 ***	.87
		4	Quite a bit	7,362	18		2,162	15	4,900	19	6,037	23	1,305	9						
		5	Very much	8,118	20		2,618	19	5,177	21	7,154	27	941	7						
		Total		41,107	100		14,136	100	25,237	100	26,715	100	14,235	100						
f. Vocational clubs (business, health, technology, etc.)	hinvvcl	1	Not at all	25,114	59		8,921	61	15,142	59	15,885	57	9,138	64						
		2	Very little	5,852	14		1,899	13	3,693	14	3,970	14	1,842	13						
		3	Some	5,270	12	1.9	1,675	12	3,339	13	3,629	13	1,620	11	1.9	1.9 *	-.03	1.9	1.8 ***	.14
		4	Quite a bit	3,009	7		938	6	1,900	7	2,110	8	888	6						
		5	Very much	2,968	7		1,102	8	1,735	7	2,143	8	817	6						
		Total		42,213	100		14,535	100	25,809	100	27,737	100	14,305	100						
g. Religious youth groups	hrelgrp	1	Not at all	27,035	64		10,119	70	15,767	61	17,058	62	9,849	69						
		2	Very little	4,591	11		1,456	10	2,918	11	3,071	11	1,505	11						
		3	Some	4,567	11	1.8	1,281	9	3,062	12	3,195	12	1,354	9	1.7	1.9 ***	-.17	1.9	1.7 ***	.17
		4	Quite a bit	2,867	7		759	5	1,964	8	2,062	7	798	6						
		5	Very much	3,088	7		899	6	2,056	8	2,297	8	786	5						
		Total		42,148	100		14,514	100	25,767	100	27,683	100	14,292	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Mean	Mean	ES	Mean	B+ or lower		
							Count	%	Count	%	Count	%	Count	%					Mean	Mean	ES
h Community service or volunteer work	hvolntr	1	Not at all	3,702	9		1,619	11	1,886	7	1,748	6	1,934	14							
		2	Very little	4,571	11		1,790	12	2,566	10	2,483	9	2,067	14							
		3	Some	11,614	28	3.5	3,894	27	7,219	28	7,335	27	4,233	30	3.4	3.6 ***	-.14	3.7	3.2 ***	.37	
		4	Quite a bit	11,420	27		3,608	25	7,295	28	8,125	29	3,248	23							
		5	Very much	10,769	26		3,581	25	6,751	26	7,947	29	2,781	19							
		Total	42,076	100		14,492	100	25,717	100	27,638	100	14,263	100								
12. During your <i>last year</i> of high school, to what extent did your course challenge you to do your best work?																					
	hchallenge	1	Not at all	311	1		135	1	158	1	172	1	136	1							
		2		1,066	3		366	3	642	2	618	2	441	3							
		3		3,484	8		1,207	8	2,104	8	2,052	7	1,423	10							
		4		9,000	21	4.9	3,140	22	5,452	21	5,412	19	3,558	25	5.0	4.9	.01	5.0	4.8 ***	.21	
		5		15,066	36		5,057	35	9,336	36	9,956	36	5,056	35							
		6		8,663	20		2,786	19	5,549	21	6,233	22	2,389	17							
		7	Very much	4,741	11		1,886	13	2,629	10	3,359	12	1,352	9							
		Total		42,331	100		14,577	100	25,870	100	27,802	100	14,355	100							
13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following?																					
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	cacadpr13hrs  (Recoded version of cacadpr13 created by BCSSE. Values are estimated number of hours)	0	0	65	0		36	0	21	0	25	0	40	0							
		3	1-5	2,153	5		1,040	7	1,033	4	1,075	4	1,073	8							
		8	6-10	7,283	18		2,856	20	4,269	17	4,312	16	2,948	21							
		13	11-15	10,505	26		3,743	26	6,549	25	6,810	25	3,662	26							
		18	16-20	10,250	25	16.3	3,354	23	6,710	26	6,865	25	3,342	24	15.6	16.7 ***	-.15	16.9	15.0 ***	.27	
		23	21-25	6,276	15		1,972	14	4,197	16	4,485	17	1,758	13							
		28	26-30	2,658	6		846	6	1,774	7	1,989	7	652	5							
		33	More than 30	1,990	5		694	5	1,264	5	1,507	6	465	3							
		Total	41,180	100		14,541	100	25,817	100	27,068	100	13,940	100								
b. Working for pay on- or off-campus	cworkhrs  (Recoded version of cworkhrs created by BCSSE. Values are estimated number of hours)	0	0	10,073	25		2,707	19	7,152	28	7,051	26	2,978	21							
		3	1-5	5,362	13		1,544	11	3,712	14	3,724	14	1,609	12							
		8	6-10	7,628	19		2,479	17	4,991	19	5,092	19	2,503	18							
		13	11-15	7,008	17		2,543	18	4,348	17	4,552	17	2,427	17							
		18	16-20	5,973	15	9.9	2,552	18	3,310	13	3,707	14	2,237	16	12.0	8.7 ***	.38	9.4	11.0 ***	-.19	
		23	21-25	2,802	7		1,398	10	1,363	5	1,638	6	1,159	8							
		28	26-30	1,199	3		651	4	528	2	675	3	522	4							
		33	More than 30	1,012	2		624	4	360	1	559	2	452	3							
Total	41,057	100		14,498	100	25,764	100	26,998	100	13,887	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons								
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students				First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Yes			No	A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower						
				Count	%	Mean	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES				
c. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	ccocurrhrs  (Recoded version of ccocurrhrs created by BCSSE. Values are estimated number of hours)	0	0	3,604	9		1,750	12	1,752	7	1,857	7	1,734	12								
		3	1-5	11,508	28		4,450	31	6,853	27	7,459	28	4,018	29								
		8	6-10	12,056	29		3,951	27	7,905	31	8,224	30	3,773	27								
		13	11-15	7,475	18		2,300	16	5,045	20	5,177	19	2,265	16								
		18	16-20	3,705	9	8.9	1,156	8	2,483	10	2,539	9	1,153	8	8.3	9.3 ***	-.15	9.2	8.5 ***	.10		
		23	21-25	1,466	4		482	3	956	4	987	4	468	3								
		28	26-30	492	1		159	1	326	1	320	1	169	1								
		33	More than 30	743	2		264	2	465	2	439	2	298	2								
		Total		41,049	100		14,512	100	25,785	100	27,002	100	13,878	100								
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	csocial13hrs  (Recoded version of csocial13hrs created by BCSSE. Values are estimated number of hours)	0	0	277	1		147	1	118	0	169	1	106	1								
		3	1-5	8,700	21		3,975	27	4,550	18	5,417	20	3,254	23								
		8	6-10	14,307	35		4,996	34	9,081	35	9,539	35	4,708	34								
		13	11-15	10,071	25		3,050	21	6,834	26	6,822	25	3,208	23								
		18	16-20	4,798	12	10.6	1,426	10	3,290	13	3,220	12	1,553	11	9.8	11.0 ***	-.19	10.6	10.5 *	.02		
		23	21-25	1,645	4		503	3	1,115	4	1,078	4	557	4								
		28	26-30	529	1		144	1	376	1	338	1	189	1								
		33	More than 30	736	2		287	2	436	2	421	2	314	2								
		Total		41,063	100		14,528	100	25,800	100	27,004	100	13,889	100								
14. During the coming school year, of the time you expect to spend preparing for class in a typical 7-day week, about how much will be on assigned reading?																						
ctmread17		1	Very little	1,173	3		459	3	689	3	693	3	478	3								
		2	Some	10,720	26		3,535	24	7,014	27	6,989	26	3,683	27								
		3	About half	16,257	40	3.0	5,468	38	10,521	41	10,878	40	5,310	38	3.1	3.0 ***	.11	3.0	3.0	.02		
		4	Most	10,666	26		4,066	28	6,440	25	7,009	26	3,614	26								
		5	Almost all	2,036	5		939	6	1,053	4	1,310	5	718	5								
		Total		40,852	100		14,467	100	25,717	100	26,879	100	13,803	100								
15. During the coming school year, about how often do you expect to do the following?																						
a. Ask another student to help you understand course material	cCLaskhlp	1	Never	691	2		278	2	394	2	455	2	234	2								
		2	Sometimes	16,948	41		6,047	42	10,639	41	11,361	42	5,514	40								
		3	Often	16,733	41	2.7	5,733	39	10,761	42	10,870	40	5,791	42	2.7	2.7	.00	2.7	2.7 ***	-.04		
		4	Very often	6,646	16		2,485	17	4,049	16	4,296	16	2,326	17								
		Total		41,018	100		14,543	100	25,843	100	26,982	100	13,865	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons								
Item wording or description	Variable name	Values <sup>c</sup>	Response options	First-Generation <sup>a</sup>								Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				All Students			Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower			
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES		
b. Explain course material to one or more students	cCLxplain	1	Never	683	2		300	2	367	1	358	1	324	2								
		2	Sometimes	19,040	46		6,887	47	11,844	46	11,946	44	7,015	51								
		3	Often	16,630	41	2.6	5,641	39	10,771	42	11,400	42	5,152	37	2.6	2.6 **	-.03	2.7	2.5 ***	.15		
		4	Very often	4,607	11		1,696	12	2,836	11	3,250	12	1,343	10								
		Total	40,960	100		14,524	100	25,818	100	26,954	100	13,834	100									
c. Prepare for exams by discussing or working through course material with other students	cCLstudy	1	Never	724	2		292	2	412	2	449	2	273	2								
		2	Sometimes	9,426	23		3,497	24	5,765	22	5,988	22	3,396	25								
		3	Often	19,915	49	3.0	6,841	47	12,812	50	13,126	49	6,707	49	3.0	3.0 **	-.03	3.0	3.0 ***	.07		
		4	Very often	10,866	27		3,885	27	6,823	26	7,370	27	3,451	25								
		Total	40,931	100		14,515	100	25,812	100	26,933	100	13,827	100									
d. Work with other students on course projects or assignments	cCLproject	1	Never	656	2		259	2	386	1	424	2	230	2								
		2	Sometimes	10,949	27		3,997	28	6,775	26	7,181	27	3,729	27								
		3	Often	19,817	48	2.9	6,822	47	12,725	49	13,002	48	6,728	49	2.9	2.9	-.01	2.9	2.9	.02		
		4	Very often	9,518	23		3,452	24	5,940	23	6,337	24	3,138	23								
		Total	40,940	100		14,530	100	25,826	100	26,944	100	13,825	100									
e. Talk about career plans with a faculty member	cSFcareer	1	Never	970	2		361	2	588	2	559	2	407	3								
		2	Sometimes	15,987	39		5,339	37	10,428	40	10,582	39	5,342	39								
		3	Often	16,204	40	2.8	5,723	39	10,241	40	10,707	40	5,427	39	2.8	2.7 ***	.09	2.8	2.7	.01		
		4	Very often	7,776	19		3,100	21	4,577	18	5,093	19	2,647	19								
		Total	40,937	100		14,523	100	25,834	100	26,941	100	13,823	100									
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	cSFothrwrk	1	Never	3,437	8		1,354	9	2,020	8	2,048	8	1,379	10								
		2	Sometimes	20,694	51		6,989	48	13,446	52	13,661	51	6,953	50								
		3	Often	12,168	30	2.4	4,393	30	7,603	29	8,166	30	3,945	29	2.5	2.4 **	.03	2.5	2.4 ***	.06		
		4	Very often	4,599	11		1,785	12	2,753	11	3,035	11	1,541	11								
		Total	40,898	100		14,521	100	25,822	100	26,910	100	13,818	100									
g. Discuss your academic performance with a faculty member	cSFprform	1	Never	1,244	3		500	3	713	3	801	3	441	3								
		2	Sometimes	16,851	41		5,580	38	11,056	43	11,285	42	5,516	40								
		3	Often	16,387	40	2.7	5,895	41	10,282	40	10,678	40	5,627	41	2.7	2.7 ***	.08	2.7	2.7 **	-.03		
		4	Very often	6,409	16		2,543	18	3,774	15	4,143	15	2,229	16								
		Total	40,891	100		14,518	100	25,825	100	26,907	100	13,813	100									
h. Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	2,346	6		968	7	1,334	5	1,432	5	907	7								
		2	Sometimes	19,847	49		6,916	48	12,686	49	13,135	49	6,636	48								
		3	Often	13,525	33	2.5	4,684	32	8,675	34	8,901	33	4,562	33	2.5	2.5	.00	2.5	2.5 **	.03		
		4	Very often	5,105	13		1,928	13	3,105	12	3,408	13	1,672	12								
		Total	40,823	100		14,496	100	25,800	100	26,876	100	13,777	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons										
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students						First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Yes			No			A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower		ES				
				Count	%	Mean	Count	%	Count	%	Count	%	Mean	Mean	Mean		Mean	Mean						
i Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	1,541	4	2.8	566	4	955	4	977	4	558	4	2.8	2.8	.00	2.8	2.7 ***	.06				
		2	Sometimes	13,873	34		4,928	34	8,737	34	8,972	33	4,846	35										
		3	Often	17,632	43		6,230	43	11,189	43	11,624	43	5,943	43										
		4	Very often	7,821	19		2,798	19	4,942	19	5,328	20	2,449	18										
		Total	40,867	100	14,522		100	25,823	100	26,901	100	13,796	100											
j Come to class without completing readings or assignments	cunprepard	1	Never	29,869	73	1.4	10,427	72	19,102	74	20,544	76	9,200	67	1.4	1.3 ***	.07	1.3	1.4 ***	-.20				
		2	Sometimes	8,481	21		3,046	21	5,304	21	4,945	18	3,501	25										
		3	Often	1,374	3		579	4	768	3	729	3	642	5										
		4	Very often	1,147	3		469	3	660	3	680	3	461	3										
		Total	40,871	100	14,521		100	25,834	100	26,898	100	13,804	100											
16. During the coming school year, about how often do you expect to have discussions with people from the following groups?																								
a. People of a race or ethnicity other than your own	cDVrace	1	Never	395	1	3.4	183	1	205	1	214	1	177	1	3.4	3.4 *	-.02	3.4	3.3 ***	.06				
		2	Sometimes	4,570	11		1,739	12	2,757	11	2,835	11	1,716	12										
		3	Often	15,631	38		5,343	37	10,118	39	10,390	39	5,175	38										
		4	Very often	20,219	50		7,250	50	12,746	49	13,413	50	6,722	49										
		Total	40,815	100	14,515		100	25,826	100	26,852	100	13,790	100											
b. People from an economic background other than your own	cDVeconomic	1	Never	365	1	3.3	184	1	175	1	204	1	157	1	3.3	3.4 ***	-.04	3.4	3.3 ***	.05				
		2	Sometimes	4,686	11		1,836	13	2,762	11	2,866	11	1,797	13										
		3	Often	16,419	40		5,583	38	10,655	41	11,007	41	5,347	39										
		4	Very often	19,343	47		6,914	48	12,232	47	12,779	48	6,485	47										
		Total	40,813	100	14,517		100	25,824	100	26,856	100	13,786	100											
c. People with religious beliefs other than your own	cDVreligion	1	Never	640	2	3.3	313	2	316	1	359	1	277	2	3.2	3.3 ***	-.07	3.3	3.3 ***	.06				
		2	Sometimes	5,882	14		2,315	16	3,473	13	3,691	14	2,164	16										
		3	Often	15,656	38		5,370	37	10,117	39	10,442	39	5,152	37										
		4	Very often	18,659	46		6,537	45	11,926	46	12,376	46	6,203	45										
		Total	40,837	100	14,535		100	25,832	100	26,868	100	13,796	100											
d. People with political views other than your own	cDVpolitical	1	Never	709	2	3.2	351	2	345	1	372	1	331	2	3.2	3.2 ***	-.05	3.2	3.2 ***	.05				
		2	Sometimes	7,764	19		2,888	20	4,759	18	4,941	18	2,783	20										
		3	Often	15,729	39		5,418	37	10,143	39	10,608	39	5,062	37										
		4	Very often	16,638	41		5,877	40	10,590	41	10,945	41	5,627	41										
		Total	40,840	100	14,534		100	25,837	100	26,866	100	13,803	100											

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
							Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES	
17. During the coming school year, how certain are you that you will do the following?																					
a. Study when there are other interesting things to do	cotherint	1	Not at all certain	370	1		141	1	220	1	196	1	173	1							
		2		1,728	4		664	5	1,039	4	976	4	750	5							
		3		7,978	20		2,871	20	5,013	19	4,760	18	3,182	23							
		4		14,720	36	4.2	5,224	36	9,319	36	9,553	36	5,105	37	4.2	4.2	-.02	4.3	4.1 ***	.21	
		5		10,515	26		3,617	25	6,814	26	7,403	28	3,057	22							
	6	Very certain	5,493	13		2,018	14	3,435	13	3,956	15	1,521	11								
	Total		40,804	100		14,535	100	25,840	100	26,844	100	13,788	100								
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	116	0		52	0	60	0	57	0	59	0							
		2		538	1		204	1	327	1	279	1	257	2							
		3		3,195	8		1,182	8	1,966	8	1,779	7	1,403	10							
		4		9,877	24	4.9	3,484	24	6,263	24	6,167	23	3,682	27	4.9	4.9	.00	4.9	4.7 ***	.19	
		5		14,184	35		4,816	33	9,258	36	9,649	36	4,476	33							
	6	Very certain	12,799	31		4,774	33	7,924	31	8,855	33	3,876	28								
	Total		40,709	100		14,512	100	25,798	100	26,786	100	13,753	100								
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	373	1		168	1	199	1	202	1	169	1							
		2		2,262	6		812	6	1,429	6	1,339	5	912	7							
		3		7,770	19		2,840	20	4,847	19	4,848	18	2,890	21							
		4		12,848	32	4.3	4,576	32	8,135	31	8,327	31	4,464	32	4.3	4.3 *	-.02	4.3	4.2 ***	.15	
		5		10,652	26		3,606	25	6,966	27	7,317	27	3,289	24							
	6	Very certain	6,833	17		2,520	17	4,255	16	4,779	18	2,031	15								
	Total		40,738	100		14,522	100	25,831	100	26,812	100	13,755	100								
d. Ask instructors for help when you struggle with course assignments	caskinst	1	Not at all certain	177	0		78	1	95	0	100	0	76	1							
		2		1,053	3		404	3	637	2	622	2	427	3							
		3		3,903	10		1,394	10	2,461	10	2,467	9	1,422	10							
		4		9,027	22	4.8	3,072	21	5,856	23	5,903	22	3,094	22	4.9	4.8 **	.03	4.9	4.8 ***	.06	
		5		12,444	31		4,196	29	8,150	32	8,323	31	4,069	30							
	6	Very certain	14,124	35		5,379	37	8,629	33	9,385	35	4,670	34								
	Total		40,728	100		14,523	100	25,828	100	26,800	100	13,758	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower		
							Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean	Mean	ES
e. Finish something you have started when you encounter challenges	cfinish	1	Not at all certain	87	0		43	0	41	0	49	0	36	0							
		2		370	1		142	1	215	1	180	1	189	1							
		3		2,666	7		1,087	7	1,543	6	1,447	5	1,209	9							
		4		9,153	22	4.9	3,319	23	5,735	22	5,638	21	3,484	25	4.9	5.0 ***	-.05	5.0	4.8 ***	.20	
		5		14,702	36		5,011	35	9,585	37	9,878	37	4,760	35							
		6	Very certain	13,739	34		4,921	34	8,708	34	9,601	36	4,076	30							
		Total		40,717	100		14,523	100	25,827	100	26,793	100	13,754	100							
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	1	Not at all certain	662	2		274	2	374	1	423	2	239	2							
		2		2,153	5		732	5	1,394	5	1,440	5	711	5							
		3		6,538	16		2,284	16	4,195	16	4,317	16	2,196	16							
		4		11,205	28	4.4	3,761	26	7,335	28	7,580	28	3,573	26	4.5	4.4 ***	.06	4.4	4.5 ***	-.05	
		5		10,783	26		3,745	26	6,959	27	7,207	27	3,526	26							
		6	Very certain	9,382	23		3,728	26	5,576	22	5,823	22	3,516	26							
		Total		40,723	100		14,524	100	25,833	100	26,790	100	13,761	100							
18. During the coming school year, how difficult do you expect the following to be?																					
a. Learning course material	clearnma	1	Not at all difficult	579	1		236	2	335	1	375	1	201	1							
		2		3,078	8		1,061	7	1,985	8	2,041	8	1,026	7							
		3		9,600	24		3,489	24	6,042	23	6,171	23	3,393	25							
		4		16,170	40	3.9	5,642	39	10,387	40	10,704	40	5,390	39	3.9	3.9	.01	3.9	3.9	.02	
		5		8,844	22		3,082	21	5,704	22	5,946	22	2,864	21							
		6	Very difficult	2,450	6		1,020	7	1,398	5	1,557	6	883	6							
		Total		40,721	100		14,530	100	25,851	100	26,794	100	13,757	100							
b. Managing your time	cmantime	1	Not at all difficult	1,167	3		457	3	694	3	807	3	358	3							
		2		4,181	10		1,533	11	2,618	10	2,863	11	1,294	9							
		3		8,587	21		3,063	21	5,460	21	5,614	21	2,933	21							
		4		11,998	29	4.0	4,226	29	7,666	30	7,916	30	4,032	29	4.0	4.0	.00	4.0	4.0 ***	-.05	
		5		9,683	24		3,254	22	6,345	25	6,397	24	3,249	24							
		6	Very difficult	5,099	13		1,999	14	3,058	12	3,191	12	1,890	14							
		Total		40,715	100		14,532	100	25,841	100	26,788	100	13,756	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)



# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Mean	Mean	ES	Mean	Mean	ES	
							Count	%	Count	%	Count	%	Count	%							
c. Paying college or university expenses	cpaycoll	1	Not at all difficult	4,948	12		1,046	7	3,870	15	3,449	13	1,472	11							
		2		6,652	16		1,649	11	4,938	19	4,612	17	2,004	15							
		3		7,332	18		2,389	16	4,888	19	4,861	18	2,429	18							
		4		7,930	19	3.6	2,955	20	4,908	19	5,167	19	2,733	20	4.1	3.4 ***	.44	3.6	3.8 ***	-.13	
		5		7,106	17		3,038	21	4,008	16	4,563	17	2,520	18							
		6	Very difficult	6,732	17		3,447	24	3,228	12	4,125	15	2,594	19							
		Total		40,700	100		14,524	100	25,840	100	26,777	100	13,752	100							
d. Getting help with school work	cgethelp	1	Not at all difficult	4,562	11		1,534	11	2,993	12	3,008	11	1,531	11							
		2		11,206	28		3,516	24	7,603	29	7,681	29	3,478	25							
		3		12,698	31		4,530	31	8,072	31	8,370	31	4,277	31							
		4		8,533	21	2.9	3,319	23	5,146	20	5,475	20	3,020	22	3.0	2.8 ***	.15	2.9	3.0 ***	-.09	
		5		2,798	7		1,181	8	1,592	6	1,751	7	1,039	8							
		6	Very difficult	893	2		443	3	433	2	491	2	399	3							
		Total		40,690	100		14,523	100	25,839	100	26,776	100	13,744	100							
e. Making new friends	cmakefr	1	Not at all difficult	6,480	16		2,243	15	4,195	16	3,769	14	2,683	20							
		2		9,032	22		2,916	20	6,042	23	6,008	22	2,975	22							
		3		9,881	24		3,562	25	6,235	24	6,734	25	3,107	23							
		4		7,859	19	3.1	2,853	20	4,952	19	5,382	20	2,446	18	3.2	3.0 ***	.10	3.1	3.0 ***	.07	
		5		4,569	11		1,702	12	2,820	11	3,106	12	1,450	11							
		6	Very difficult	2,893	7		1,255	9	1,609	6	1,788	7	1,095	8							
		Total		40,714	100		14,531	100	25,853	100	26,787	100	13,756	100							
f. Interacting with faculty	cintfac	1	Not at all difficult	6,324	16		2,265	16	4,013	16	3,816	14	2,479	18							
		2		10,412	26		3,364	23	6,975	27	6,987	26	3,374	25							
		3		11,292	28		3,989	27	7,206	28	7,543	28	3,712	27							
		4		7,956	20	2.9	2,984	21	4,902	19	5,354	20	2,566	19	3.0	2.9 ***	.09	2.9	2.9 ***	.05	
		5		3,362	8		1,322	9	2,007	8	2,251	8	1,098	8							
		6	Very difficult	1,353	3		606	4	737	3	832	3	517	4							
		Total		40,699	100		14,530	100	25,840	100	26,783	100	13,746	100							
19. During the coming school year, about how often do you expect to seek help with coursework from the following sources?																					
a. Faculty members	cseekfac	1	Never	508	1		239	2	265	1	286	1	221	2							
		2	Sometimes	16,137	40		5,973	41	10,051	39	10,569	40	5,519	40							
		3	Often	17,768	44	2.7	6,122	42	11,531	45	11,767	44	5,919	43	2.7	2.7 ***	-.05	2.7	2.7 **	.03	
		4	Very often	6,186	15		2,173	15	3,962	15	4,095	15	2,053	15							
		Total		40,599	100		14,507	100	25,809	100	26,717	100	13,712	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower		ES
							Count	%	Count	%	Count	%	Count	%					Mean	Mean	
b. Academic advisors	cseekaa	1	Never	1,280	3		429	3	836	3	900	3	378	3							
		2	Sometimes	17,505	43		5,931	41	11,453	44	11,829	44	5,627	41							
		3	Often	16,075	40	2.6	5,881	41	10,092	39	10,387	39	5,610	41	2.7	2.6 ***	.08	2.6	2.7 ***	-.08	
		4	Very often	5,743	14		2,270	16	3,434	13	3,604	13	2,099	15							
		Total	40,603	100		14,511	100	25,815	100	26,720	100	13,714	100								
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	2,247	6		732	5	1,498	6	1,586	6	652	5							
		2	Sometimes	16,535	42		5,614	40	10,813	43	11,151	43	5,323	39							
		3	Often	14,452	37	2.6	5,266	37	9,105	36	9,196	36	5,201	38	2.7	2.6 ***	.09	2.6	2.7 ***	-.12	
		4	Very often	6,303	16		2,480	18	3,774	15	3,837	15	2,434	18							
		Total	39,537	100		14,092	100	25,190	100	25,770	100	13,610	100								
d. Friends or other students	cseekfrnd	1	Never	370	1		160	1	204	1	207	1	160	1							
		2	Sometimes	8,788	22		3,510	24	5,200	20	5,582	21	3,168	23							
		3	Often	19,071	47	3.1	6,668	46	12,279	48	12,543	47	6,449	47	3.0	3.1 ***	-.10	3.1	3.0 ***	.08	
		4	Very often	12,394	31		4,184	29	8,144	32	8,406	31	3,939	29							
		Total	40,623	100		14,522	100	25,827	100	26,738	100	13,716	100								
e. Family members	cseekfam	1	Never	9,869	24		3,844	26	5,959	23	6,981	26	2,840	21							
		2	Sometimes	18,025	44		6,158	42	11,770	46	11,934	45	6,023	44							
		3	Often	8,567	21	2.2	2,985	21	5,505	21	5,267	20	3,261	24	2.2	2.2 **	-.03	2.1	2.3 ***	-.15	
		4	Very often	4,174	10		1,546	11	2,595	10	2,560	10	1,598	12							
		Total	40,635	100		14,533	100	25,829	100	26,742	100	13,722	100								
f. Other persons or offices	cseekoth	1	Never	5,846	14		2,021	14	3,782	15	4,002	15	1,820	13							
		2	Sometimes	25,538	63		8,830	61	16,563	64	17,157	64	8,284	60							
		3	Often	7,208	18	2.1	2,828	19	4,318	17	4,379	16	2,790	20	2.2	2.1 ***	.09	2.1	2.2 ***	-.12	
		4	Very often	2,019	5		848	6	1,152	4	1,194	4	817	6							
		Total	40,611	100		14,527	100	25,815	100	26,732	100	13,711	100								
20. How prepared are you to do the following in your academic work at this institution?																					
a. Write clearly and effectively	cSGwrite	1	Not at all prepared	157	0		82	1	74	0	90	0	66	0							
		2		845	2		350	2	491	2	474	2	364	3							
		3		4,113	10		1,700	12	2,388	9	2,302	9	1,783	13							
		4		11,256	28	4.7	4,229	29	6,946	27	6,949	26	4,261	31	4.6	4.7 ***	-.11	4.8	4.6 ***	.22	
		5		13,761	34		4,549	31	9,144	35	9,531	36	4,185	31							
		6	Very prepared	10,467	26		3,629	25	6,790	26	7,378	28	3,045	22							
		Total	40,599	100		14,539	100	25,833	100	26,724	100	13,704	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES	
							Count	%	Count	%	Count	%	Count	%							
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	282	1		143	1	134	1	156	1	123	1							
		2		1,353	3		554	4	790	3	797	3	549	4							
		3		5,380	13		2,179	15	3,162	12	3,282	12	2,067	15							
		4		11,159	28	4.6	4,066	28	7,031	27	7,315	27	3,802	28	4.5	4.6 ***	-.11	4.6	4.5 ***	.11	
		5		12,699	31		4,314	30	8,327	32	8,622	32	4,024	29							
		6	Very prepared	9,703	24		3,268	23	6,383	25	6,539	24	3,131	23							
		Total		40,576	100		14,524	100	25,827	100	26,711	100	13,696	100							
c. Think critically and analytically	cSGthink	1	Not at all prepared	86	0		45	0	39	0	45	0	41	0							
		2		457	1		222	2	230	1	236	1	217	2							
		3		3,366	8		1,515	10	1,818	7	1,838	7	1,507	11							
		4		10,694	26	4.8	4,086	28	6,550	25	6,608	25	4,043	30	4.7	4.9 ***	-.17	4.9	4.7 ***	.22	
		5		14,884	37		5,080	35	9,726	38	10,146	38	4,677	34							
		6	Very prepared	11,100	27		3,585	25	7,466	29	7,842	29	3,216	23							
		Total		40,587	100		14,533	100	25,829	100	26,715	100	13,701	100							
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	336	1		162	1	171	1	151	1	185	1							
		2		1,768	4		761	5	992	4	921	3	842	6							
		3		6,659	16		2,745	19	3,860	15	3,752	14	2,872	21							
		4		12,286	30	4.4	4,496	31	7,724	30	7,882	30	4,345	32	4.3	4.5 ***	-.16	4.5	4.2 ***	.30	
		5		12,013	30		3,948	27	8,018	31	8,473	32	3,499	26							
		6	Very prepared	7,517	19		2,417	17	5,060	20	5,532	21	1,955	14							
		Total		40,579	100		14,529	100	25,825	100	26,711	100	13,698	100							
e. Work effectively with others	cSGothers	1	Not at all prepared	81	0		47	0	31	0	40	0	41	0							
		2		407	1		186	1	216	1	215	1	188	1							
		3		2,482	6		1,082	7	1,377	5	1,420	5	1,049	8							
		4		8,529	21	5.0	3,258	22	5,206	20	5,324	20	3,159	23	4.9	5.0 ***	-.12	5.0	4.9 ***	.14	
		5		14,416	36		4,955	34	9,393	36	9,700	36	4,657	34							
		6	Very prepared	14,667	36		5,003	34	9,604	37	10,012	37	4,606	34							
		Total		40,582	100		14,531	100	25,827	100	26,711	100	13,700	100							
f. Use computing and information technology	cgncompt13	1	Not at all prepared	342	1		119	1	219	1	225	1	116	1							
		2		1,678	4		566	4	1,103	4	1,100	4	565	4							
		3		5,845	14		2,137	15	3,662	14	3,799	14	2,022	15							
		4		11,392	28	4.5	4,171	29	7,164	28	7,471	28	3,868	28	4.5	4.5	-.01	4.5	4.5	.01	
		5		12,057	30		4,205	29	7,799	30	8,026	30	3,987	29							
		6	Very prepared	9,267	23		3,332	23	5,887	23	6,093	23	3,139	23							
		Total		40,581	100		14,530	100	25,834	100	26,714	100	13,697	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower		ES
							Count	%	Count	%	Count	%	Count	%					Mean	Mean	
g. Learn effectively on your own	cgning	1	Not at all prepared	177	0		105	1	71	0	90	0	86	1							
		2		970	2		423	3	538	2	505	2	460	3							
		3		4,431	11		1,789	12	2,620	10	2,433	9	1,978	14							
		4		11,325	28	4.7	4,208	29	7,053	27	7,057	26	4,225	31	4.6	4.7 ***	-.11	4.8	4.5 ***	.26	
		5		13,243	33		4,409	30	8,765	34	9,146	34	4,034	29							
		6	Very prepared	10,441	26		3,600	25	6,791	26	7,491	28	2,912	21							
		Total		40,587	100		14,534	100	25,838	100	26,722	100	13,695	100							
21. How important is it to you that your instiution provides the following?																					
a. A challenging academic experience	cacadexp	1	Not important	447	1		183	1	261	1	216	1	229	2							
		2		1,192	3		436	3	749	3	624	2	562	4							
		3		6,323	16		2,578	18	3,709	14	3,577	13	2,722	20							
		4		14,857	37	4.3	5,545	38	9,253	36	9,490	36	5,310	39	4.3	4.4 ***	-.12	4.5	4.1 ***	.29	
		5		11,300	28		3,734	26	7,518	29	8,047	30	3,207	23							
		6	Very important	6,446	16		2,062	14	4,349	17	4,761	18	1,651	12							
		Total		40,565	100		14,538	100	25,839	100	26,715	100	13,681	100							
b. Support to help students succeed academically	cSEacad	1	Not important	47	0		15	0	32	0	20	0	26	0							
		2		179	0		67	0	111	0	94	0	85	1							
		3		1,214	3		511	4	694	3	611	2	599	4							
		4		5,232	13	5.4	1,996	14	3,206	12	3,059	11	2,143	16	5.4	5.4 **	-.03	5.4	5.3 ***	.19	
		5		10,164	25		3,435	24	6,683	26	6,665	25	3,459	25							
		6	Very important	23,701	58		8,500	59	15,105	58	16,247	61	7,360	54							
		Total		40,537	100		14,524	100	25,831	100	26,696	100	13,672	100							
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1	Not important	469	1		151	1	315	1	275	1	192	1							
		2		863	2		265	2	591	2	577	2	281	2							
		3		3,194	8		1,108	8	2,074	8	1,936	7	1,249	9							
		4		7,755	19	5.0	2,777	19	4,939	19	5,027	19	2,688	20	5.0	5.0 ***	.04	5.0	4.9 ***	.07	
		5		10,610	26		3,703	25	6,857	27	7,043	26	3,530	26							
		6	Very important	17,657	44		6,535	45	11,059	43	11,837	44	5,744	42							
		Total		40,548	100		14,539	100	25,835	100	26,695	100	13,684	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## Overall Summary - First Year Students

### First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower		ES
							Count	%	Count	%	Count	%	Count	%					Mean	Mean	
d. Help managing your non-academic responsibilities (work, family, etc.)	cSEnacad	1	Not important	844	2		236	2	604	2	542	2	301	2							
		2		2,294	6		647	4	1,641	6	1,504	6	782	6							
		3		6,018	15		1,991	14	4,003	15	3,848	14	2,146	16							
		4		10,280	25	4.5	3,606	25	6,623	26	6,756	25	3,476	25	4.6	4.4 ***	.14	4.5	4.5 **	.03	
		5		9,738	24		3,489	24	6,208	24	6,516	24	3,176	23							
		6	Very important	11,370	28		4,570	31	6,758	26	7,532	28	3,796	28							
		Total		40,544	100		14,539	100	25,837	100	26,698	100	13,677	100							
e. Opportunities to be involved socially	cSEsoc	1	Not important	360	1		136	1	221	1	201	1	158	1							
		2		1,041	3		414	3	626	2	596	2	437	3							
		3		3,561	9		1,458	10	2,080	8	2,063	8	1,489	11							
		4		9,061	22	4.9	3,469	24	5,548	21	5,685	21	3,332	24	4.8	4.9 ***	-.10	4.9	4.7 ***	.17	
		5		11,749	29		4,044	28	7,660	30	7,939	30	3,762	28							
		6	Very important	14,765	36		5,019	35	9,695	38	10,209	38	4,498	33							
		Total		40,537	100		14,540	100	25,830	100	26,693	100	13,676	100							
f. Opportunities to attend campus activities and events	cSEact	1	Not important	408	1		165	1	239	1	231	1	175	1							
		2		1,055	3		427	3	624	2	620	2	431	3							
		3		3,508	9		1,422	10	2,065	8	2,015	8	1,479	11							
		4		8,578	21	4.9	3,263	22	5,275	20	5,322	20	3,218	24	4.8	4.9 ***	-.09	4.9	4.7 ***	.18	
		5		11,650	29		3,971	27	7,632	30	7,860	29	3,742	27							
		6	Very important	15,344	38		5,289	36	10,007	39	10,645	40	4,636	34							
		Total		40,543	100		14,537	100	25,842	100	26,693	100	13,681	100							
g. Learning support services (tutoring, writing center, success coaching, etc.)	cSEserv	1	Not important	268	1		92	1	175	1	157	1	109	1							
		2		955	2		283	2	671	3	629	2	322	2							
		3		3,455	9		1,247	9	2,192	9	2,117	8	1,330	10							
		4		8,198	21	4.9	2,873	20	5,292	21	5,262	20	2,889	21	5.0	4.9 ***	.05	4.9	4.9 ***	.05	
		5		10,485	27		3,607	26	6,846	27	6,938	27	3,506	26							
		6	Very important	16,130	41		6,027	43	10,035	40	10,645	41	5,428	40							
		Total		39,491	100		14,129	100	25,211	100	25,748	100	13,584	100							

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# **BCSSE 2020**

## **First-Year Student Scale Means**


Overall Summary

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## Scale Means About This Report

BCSSE Scales provide a useful summary of the detailed information contained in the students' BCSSE responses. By combining responses to related BCSSE questions, each scale offers valuable information about a distinct aspect of student engagement.

1. **Student status:** Class level as reported by the students.
2. **Scale description and variable name :** A brief description of the BCSSE scale along with the variable name for easy reference to the datafile and codebook. See Scale Descriptions for more information.
3. **Mean :** The unweighted scale mean is reported overall for the institution, as well as by first-generation status and high school grades.
4. **Statistical comparisons :** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #5) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests
5. **Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. Effect sizes for independent  $t$ -tests use Cohen's  $d$ . Cohen's  $d$  is calculated by dividing the mean difference by the pooled standard deviation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.



BCSSE

beginning college survey  
of student engagement

Scale Mean Scores and  
Selected Student Comparisons

BCSSEville State University

First-Year Students

1

BCSSE Scales	Variable <sup>a</sup>	All Students			First-Generation <sup>a</sup>			Self-Reported High School Grades			
		Mean	SD	N	Yes	No	ES	A- or higher	B+ or lower	ES	
					Mean	Mean		Mean	Mean		
<b>Quantitative Reasoning</b>											
High school engagement with analysis and numerical information	HS_QR	26.3	14.1	1221	25.4	27.7	**	-.16	26.6	26.2	.02
<b>Learning Strategies</b>											
Use of effective learning strategies in high school	HS_LS	36.6	12.7	1220	36.4	36.8		-.04	37.5	35.3	** .17
<b>Collaborative Learning</b>											
Expectation to interact and collaborate with peers	EXP_CL	34.9	10.7	1232	34.3	35.1		-.07	35.5	33.6	** .17
<b>Student-Faculty Interaction</b>											
Expectation to interact and engage with faculty	EXP_SFI	30.4	11.5	1234	29.9	30.9		-.09	30.4	30.0	.05
<b>Expected Discussions with Diverse Others</b>											
Expectation to engage in discussions with diverse others	EXP_DD	42.1	13.9	1233	40.8	43.0	**	-.15	43.1	40.1	*** .21
<b>Expected Academic Perseverance</b>											
Student certainty that they will persist in the face of academic adversity	EXP_PER	40.6	9.8	1233	40.8	41.1		-.03	41.8	39.8	*** .20
<b>Expected Academic Difficulty</b>											
Expected academic difficulty during the coming year	EXP_DIF	26.3	10.4	1233	26.9	25.0	**	.18	25.9	26.3	-.04
<b>Perceived Academic Preparation</b>											
Student perception of their academic preparation	PER_PREP	41.9	10.2	1233	41.6	42.9	*	-.13	43.4	40.6	*** .27
<b>Importance of Campus Environment</b>											
Student-rated importance that the institution provides a challenging and supportive environment	IMP_CAMP	41.3	10.7	1233	41.1	41.7		-.05	42.2	40.1	*** .20

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## Scale Mean Scores and Selected Student Comparisons

### Overall Summary - First Year Students

#### First-Year Students

BCSSE Scales	Variable <sup>b</sup>	All Students			First-Generation <sup>a</sup>				Self-Reported High School Grades		
					Yes		No		A- or higher	B+ or lower	ES
		Mean	SD	N	Mean	Mean		ES	Mean	Mean	
<b>Quantitative Reasoning</b>											
<i>High school engagement with analysis and numerical information</i>	HS_QR	31.7	14.3	42063	30.2	32.6	***	-.17	32.3	30.4	*** .13
<b>Learning Strategies</b>											
<i>Use of effective learning strategies in high school</i>	HS_LS	39.4	12.6	42128	39.3	39.6		-.02	40.3	37.8	*** .20
<b>Collaborative Learning</b>											
<i>Expectation to interact and collaborate with peers</i>	EXP_CL	36.3	11.6	40996	36.2	36.4	*	-.02	36.5	35.8	*** .06
<b>Student-Faculty Interaction</b>											
<i>Expectation to interact and engage with faculty</i>	EXP_SFI	32.0	13.0	40934	32.5	31.7	***	.06	32.1	31.8	* .02
<b>Expected Discussions with Diverse Others</b>											
<i>Expectation to engage in discussions with diverse others</i>	EXP_DD	45.8	13.2	40860	45.4	46.1	***	-.05	46.1	45.3	*** .06
<b>Expected Academic Perseverance</b>											
<i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	43.1	9.3	40774	43.1	43.1		.00	43.6	42.0	*** .17
<b>Expected Academic Difficulty</b>											
<i>Expected academic difficulty during the coming year</i>	EXP_DIF	29.1	10.3	40730	29.7	28.8	***	.09	29.0	29.3	** -.03
<b>Perceived Academic Preparation</b>											
<i>Student perception of their academic preparation</i>	PER_PREP	43.9	9.4	40611	43.0	44.4	***	-.15	44.7	42.4	*** .24
<b>Importance of Campus Environment</b>											
<i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	46.0	9.6	40584	45.9	46.1		-.02	46.6	44.8	*** .19



### BCSSE Scales

BCSSE Scales scores were calculated by converting the responses for each item to a 0-60 range. A mean scale score was then calculated for each student. Below is a brief description of each scale with the component BCSSE items in parentheses.

Scale name	Description	Scale items
<i>Quantitative Reasoning</i> (HS_QR)	High school engagement with analysis and numerical information (First-year students only)	hQRconclud, hQRproblm, hQRrevaluat
<i>Learning Strategies</i> (HS_LS)	Use of effective learning strategies in high school. (First-year students only)	hLSreading, hLSnotes, hLSsummary
<i>Learning Strategies</i> (TR_LS)	Use of effective learning strategies at prior institution (Transfer students only)	tLSreading, tLSnotes, tLSsummary
<i>Collaborative Learning</i> (EXP_CL)	Expectation to interact and collaborate with peers	cCLaskhlp, cCLxplain, cCLstudy, cCLproject
<i>Student-Faculty Interaction</i> (EXP_SFI)	Expectation to interact and engage with faculty	cSFcareer, cSFothrwrk, cSFprform, cSFdiscuss
<i>Discussions with Diverse Others</i> (EXP_DD)	Expectation to engage in discussions with diverse others	cDVrace, cDVeconomc, cDVreligion, cDVpolitical
<i>Academic Perseverance</i> (EXP_PER)	Student certainty that they will persist in the face of academic adversity	cotherint, cfindinfo, ccourdis, caskinst, cfinish, cstaypos
<i>Academic Difficulty</i> (EXP_DIF)	Expected academic difficulty during the coming year	clearnma, cmantime, cgethelp, cintfac
<i>Perceived Academic Preparation</i> (PER_PREP)	Student perception of their academic preparation	cSGwrite, cSGspeak, cSGthink, cSGanalyze, cSGothers, cgncompt13, cgningq
<i>Importance of Campus Environment</i> (IMP_CAMP)	Student-rated importance that the institution provides a challenging and supportive environment	cacadexp, cSEacad, cSEdiv, cSEnacad, cSEsoc, cSEact, cSEserv

## BCSSE 2020 First-Year Student Institutional Report

### Endnotes

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- a. First generation is defined as no parent or guardian having graduated with a 4-year college degree.
- b. Please refer to BCSSE Scale Descriptions for items included in the scale.
- c. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.